

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-617

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

KnackToys, LLC  
Fast Forward Supercharger Kit

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Fast Forward Supercharger Kit, manufactured and marketed by KnackToys, LLC (1217 W. Central Avenue, Coolidge, AZ 85228) has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1994 through 2003 model-year Mazda MX-5 Miata vehicles equipped with a naturally aspirated 1.8L engine, as described in Exhibit A.

The Fast Forward Supercharger Kit consists of the following main components: Magnuson MP62 supercharger with a 65 mm diameter pulley, 105 mm diameter crankshaft pulley, intake manifold with an additional fuel injector, BBK throttle body, open element style air filter, and Jackson Racing PowerCard Pro (no user adjustments). Maximum boost is 10 psi. Supplied fuel hose is manufactured and labeled to SAE J30R9 standards.

This Executive Order is valid provided that the installation instructions for the Fast Forward Supercharger Kit will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the Fast Forward Supercharger Kit, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Fast Forward Supercharger Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Fast Forward Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the Fast Forward Supercharger Kit for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Fast Forward Supercharger Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emissions test data generated on a 2005 model-year Mazda MX-5 Miata 1.8L (test group 5TKXV01.8NA1), certified to the Low Emission Vehicle (LEV) emission standards with the Fast Forward Supercharger Kit (part number FFS01-05-CS) installed. Testing consisted of a Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and an On-Board Diagnostic II (OBD II) test. Test data showed that the Fast Forward Supercharger Kit did not affect the vehicle's ability to perform OBD II monitoring. CVS-75 FTP results are in grams per mile with deterioration factors added to the results. Emission levels of the modified vehicle met the applicable emission standards.

	NMOG	CO	NOx	HCHO
<b>Standard</b>	0.075	3.4	0.2	0.015
<b>w/ Device</b>	0.063	1.3	0.06	0.0005

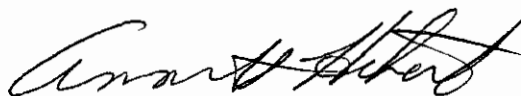
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE FAST FORWARD SUPERCHARGER KIT.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 20 day of December 2006



Annette Hebert, Chief  
Mobile Source Operations Division

## Exhibit A

Part Number	Year	Make	Model	Engine
FFS-9497-CS-CA	1994-1997	Mazda	MX-5 Miata	1.8L
FFS-9900-CS-CA	1999-2000	Mazda	MX-5 Miata	1.8L
FFS-0103-CS-CA	2001-2003	Mazda	MX-5 Miata	1.8L